

# AWARD DEGREES TO 605

## Stratton Prize Winner Is Maxwell D. Millard; Kenngott Places Second

### RAYMOND HOLLAND WINS THIRD AWARD IN FINAL TRIALS

Forty Men Participate In Third  
Annual Competition; Six  
Speak In Finals

#### AWARDS STARTED IN 1931

Maxwell D. Millard, '33, Robert L. Kenngott, '34, and Raymond P. Holland, Jr., '34, were announced at the graduation exercises today as the winners of the first, second, and third prizes, respectively, in the Stratton prize competition for the presentation of scientific papers.

Millard, graduating from Course VI-A, and representing the student branch of the American Institute of Electrical Engineers, won \$50 for his paper on "The Photo-Electric Cell." The second prize of \$30 was awarded to Kenngott, of Course VIII and a member of the M. I. T. Physical Society, for his talk on "Wireless Transmission of Power." Third prize was \$20 and was presented to Holland, of Course XVI and a member of the M. I. T. Aeronautical Society, for his paper on "Wings", a discussion of the design of wings of aircraft.

The judges for the finals, which were held yesterday forenoon in Room 10-250, were Dr. Arthur D. Little, '85, President of Arthur D. Little Co., Dean George P. Bacon of Tufts College Engineering School, and Mr. Edward L. Moreland of the firm of Jackson and Moreland. The faculty committee on the Stratton prizes were Dean Samuel C. Prescott, chairman, Professor William H. Timbie, and Dean Harold E. Lobdell.

Of the forty men who participated in this, the third annual competition, (Continued on page four)

### Seniors Prefer Tau Beta Pi Key to Straight T

Best likely to succeed, Ivan Getting; Done most for M. I. T., tie, Richard Fossett and Wilbur Huston; "Done" M. I. T. most, Course VI-A men; Greatest bluffer, Frank Record; Best dancer, Robert McCormack; Best dresser, Richard Morse; Greatest drag with women, Robert Kimball; Greatest drag with profs, James Vicary; Noisiest, Robert Swain; Laziest, Samuel Prescott; Biggest politician, Edward Goodridge; Biggest roughneck, Kenneth Piper; Handsomest, David Lee; Believe in women voting, Yes; Prefer a straight T to a Tau Beta Pi Key, Tau Beta Pi; Would you die for dear old Tech, No!

## HEDLUND REVIEWS 3 ERAS OF TRACK

Technology Records For Last  
45 Years Compiled By  
Veteran Coach

By Oscar F. Hedlund

Technology track started in 1870 but not until 1889 did the institute athlete compete in the regular intercollegiate events and this did not include the Javelin, which was added to the program in 1922 when the I. C. 4-A adopted this new event. Nowadays fifteen events are contested in all varsity dual meets.

Tech has just completed forty-five years of track competition which is some record for an engineering school where time is so limited for sports and during this period the cardinal and gray teams have had many champions and record holders. (Continued on page four)

## PROFESSOR RYAN OF COURSE X DIES

Had Charge Of Department Of  
Chemical Engineering  
At Institute

Professor William P. Ryan, who died following an operation Wednesday, May 31, was head of the department of chemical engineering at the Institute, and director of the school of chemical engineering practise.

In an address at the Technique smoker last year Professor Ryan stressed the need of participation in extra-curricula activities in order to lead a well-balanced life at the Institute. He urged freshmen to go out for one of the undergraduate publications, and stated that the man who distinguishes himself in activities as well as scholastic work is the man who succeeds.

Professor Ryan was 38 years old, and was born in East Medway, Massachusetts. He received his early education at the Medway High School and at Phillips Academy in Andover. He then entered Technology and was graduated in 1918. He was appointed an instructor in chemical engineering practise in 1920 and in 1921 was made director of the Institute's chemical engineering practise station at Bangor, Maine.

The following year he was promoted to the rank of assistant professor and was appointed director of the school of chemical engineering practise. His promotion to associate professor came in 1927, and in 1929 he was appointed head of the department of chemical engineering.

Professor Ryan's home was at 33 Bromfield Street, Wollaston. He is survived by his wife and three young daughters.

## Class Day Exercises Include Address By Dr. Allan W. Rowe

Louis H. Flanders Gives Beaver  
Oration and Charles Bell  
Presents Gifts

Class Day exercises were held by the class of 1933 yesterday afternoon in the main hall of Walker Memorial, with Wilbur B. Huston, chairman of the Senior Week committee presiding and Dr. Allan W. Rowe, president of the Alumni Association presenting the principal address.

The events commenced at 2.30 o'clock with a welcome by the presiding officer. The class banner was presented by the alumni represented by Dr. Allan W. Rowe, president, and Professor Charles E. Locke, secretary of the Association, and was accepted by Richard L. Fossett, Jr., president, and George O. Henning, Jr., secretary of the class of 1933. Fossett next presented the class ring to Richard Bell, president of the class of 1934.

Having completed these formalities, the class was entertained by Louis H. Flanders, Jr., Beaver Orator, who revealed the results of the class poll and satired the class members. The presentation of the class gifts was made by Charles C. Bell. To the "big shot", Richard Fossett, he gave a toy air rifle; to a "good skate", Wilbur Huston, he gave a roller skate; and to Robert Holt, whom he expected "would have a hard row to hoe", he gave a toy garden set. Having dis- (Continued on page four)

## Dr. A. L. Lowell Describes Purpose Of Education In Address At Commencement



DR. A. LAWRENCE LOWELL

## HONOR STUDENTS GET FELLOWSHIPS

Winners of Architectural And  
Special Prizes Are  
Announced

In recognition of high scholastic attainment and ability in the field of research the following students have received honorary appointments as Fellows of the Institute during the next academic year: Harold W. Anderson, Lawrence, Kan., Fellow in electrical engineering, recipient of the James Savage Fellowship; Manson Benedict, Lake Linden, Mich., Fellow in physical chemistry; William J. Cope, Salt Lake City, Utah, Fellow in mechanical engineering, recipient of the Henry Saltenstall Fellowship; Mont- (Continued on page three)

## GRADUATION DRAWS 2000 TO CEREMONY IN SYMPHONY HALL

President Presents Diplomas  
To 445 Seniors After  
Lowell's Speech

### SENIOR PROM TONIGHT

The great art in life lies less in solving problems than in discovering the problems to be solved, Dr. A. Lawrence Lowell, president of Harvard University, told members of the graduating class at the sixty-sixth graduation exercises which were held in Symphony Hall this morning.

Dr. Lowell's subject for the commencement address which was broadcast on a coast-to-coast network was "Examination in the Educational Process." He stressed the importance of considering examinations as a vital factor in the process of education, a method not of discipline, but of measurement and education.

"The end sought by education," Dr. Lowell said, "is enlarging and refining the mind of the student, inducing keen perception, correct reasoning, and above all an appetite for knowledge and thought for their own sake which will not vanish, but once acquired is well-nigh insatiate, unquenchable and capable of being turned in many directions. Examinations consciously treated as a part of the educational process are more likely to promote that purpose."

#### Degrees Awarded to 605

More than 2,000 parents and friends of the students were seated in the great auditorium when the academic (Continued on page three)

## Dr. A. A. Ashdown Appointed First Faculty House Master In New Plan

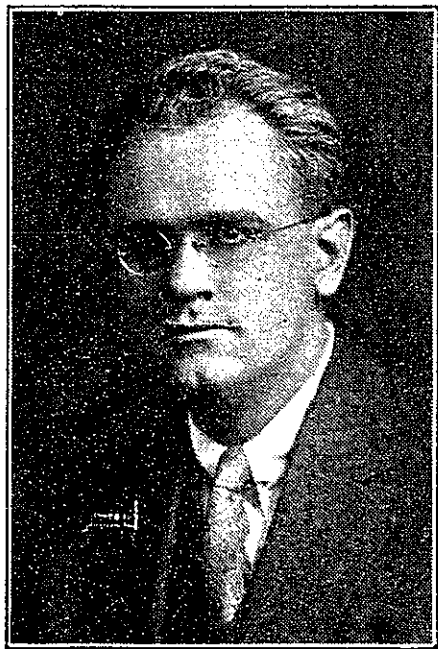
### Housing Plan For Graduates Is Begun With Approval Of Corporation

Authority to start the graduate housing plan has been voted by the executive committee of the corporation and the appointment of Dr. Avery A. Ashdown, instructor in the department of chemistry, as faculty master of the graduate houses has also been announced.

Assisting Dr. Ashdown in the administration of the houses will be a student committee of three, two members of which are Richard L. Fossett, '33, president of the graduating class, and David B. Langmuir, G. A third member will be elected next fall.

Compton Discusses Plan  
Discussing the need for such a plan at Technology, President Karl T. Compton in a recent address to the alumni said:

"Graduate students now lack almost completely the social contacts which the undergraduates enjoy through their manifold organized activities.



DR. AVERY A. ASHDOWN

Their cultural development, and hence their social effectiveness, depend upon such contacts. The most natural cultural training comes from free social (Continued on page four)

## Technology Has Special Exhibit For World's Fair at Chicago This Year

Technology Club of Chicago To  
Hold Dinner For Alumni  
On June 29

An exhibition of scientific apparatus, models, instruments, striking photographs and drawings illustrating the contributions of the Institute to progress in science and engineering is being shown in the great Hall of Science of the Century of Progress Exposition which opened in Chicago last week. The exhibit is on the ground floor, Booths 6 and 7, Group N.

The exhibition will be in charge of Bennett Archambault, '32, XV, and William R. Power, '32, VI-A. Technology alumni and students visiting the exposition will have facilities for registering at the Institute's exhibition.

On June 29, during Engineering Societies Week, the Technology Club of Chicago will give a dinner to which alumni from all parts of the country are expected to come. This gathering will be addressed by President Karl T. Compton and Vice-President Vannevar Bush.

Van de Graaff Generator Shown  
The exhibit includes a working

model of the giant electrostatic generator designed by Dr. Robert J. Van de Graaff and now nearing completion at the Institute's research station at Round Hill, Mass. The new type of stroboscope developed by Professor Harold E. Edgerton, which makes it possible to "stop motion" in various types of high speed machinery, is also shown. Its application to the study of vibrating mechanisms is seen in an arrangement in which a motor suspended on springs will oscillate rapidly. In contrast to this new type of instrument is a model of a stroboscope developed about 1834.

The Institute's department of aeronautical engineering has a model wind tunnel, in which will be illustrated the method of measuring the flight behavior of a model airplane by means of an electric balance. There are also photographs of the great wind tunnel in the Guggenheim Aeronautical Laboratory, contrasted with illustrations of a very early type. The Institute was a pioneer in aeronautical research by means of a wind tunnel.

The Michelson-Stratton Harmonic Analyzer, built in 1898 by Michelson and the late Dr. Samuel W. Stratton, is also on exhibition. It made pos- (Continued on page three)

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WILLIAM P. RYAN, '18

PLEASURE and grief occur in strange mixtures. The week of Commencement is our greatest occasion of formal celebration, of happy ceremony, of general good feeling. And in the middle of this rejoicing we have been called upon to witness the sudden and unexpected passing of a well-loved member of the faculty.

That expression has been used many times, in this column and others, with varying degrees of carelessness and insincerity. The present occasion gives special cause to regret this, for we know of few men to whom the epithet could be more fittingly and sincerely applied than to William Patrick Ryan.

Professor Ryan is dead at the age of thirty-eight. To die in the spring of life, with powers of mind and body still happily in the ascendant, seems to our sentimental perceptions a most poignant cause for lamentation. But it is in quite another sense that we must regret this passing of youth; for we know that the genial Irishman who headed Course X was young, above all, in his conception of what constitutes the mission of a teacher. Here was no man to mount the fossilized dignity of cerebral attainment, or to indulge curiously in swivel-chair snobbery behind a glass-topped desk. In the death of Professor Ryan we have lost much.

TO THE PARENTS

ON looking through an old volume of this newspaper we ran across a statement made by the president of the senior class of a large mid-western university at a banquet to which the parents were invited. "You see us tonight as graduates of this great institution," he said, "but we want you to know that we realize that it is you who have made our graduation a reality, for the dough which you have supplied for our four year loaf has now been baked into college bread."

We are certain that the four year period of loafing does not apply to the rigid scholastic requirements presented during years at the Institute. At the same time we owe our parents a great deal for their assistance, without which it would have been impossible to start our advanced education.

How many of the present graduating class came to the Institute with fear and trepidation as to their ability to do the work, yet were buoyed up by the fact that at home someone had confidence enough in them to foot the bill. To the parents we wish to extend a note of thanks for making the whole thing possible.

IN PARTING

IN this parting message we are strictly limited to a sincere and friendly hope for the bright future for the Class of 1933. What would be more funny than a Junior giving good sound advice to a group of Seniors. We can't tell them that they have a lot to learn for they won't believe it. Haven't they graduated from Technology? We wish along with them that it may all turn out for the best; that their air castles will at least partially be realized. We can remind them that however much they have groaned and complained at the overload which the Administration finds it necessary to inflict, they will never fail to boast about it once outside Technology walls; an overload that has helped them to develop a reputation for thoroughness which gives them an edge toward success.

The Institute may be justly proud of its latest brood, as are the remaining three classes. Few among the activity leaders have been unconsciously the idols of their underclass followers. The campus will seem strange this coming Fall without their familiar faces about the campus. It is in vain that we wish them back again for they have gone to conquer the world, to try to add their names to the list of famous engineers who have left the fold. We can but wish them luck in that endeavor.



The best part about this year, we presume, is that it is over, and so, in retrospect, we smile at all the happy memories and laugh at all the happy drunks, including the one on which we saw the whole Senior Class when they found they had been let out.

Not the smallest of our worries, however, is the notice which hung without the domain of Willie Jackson, just a few short weeks ago. It read, "Tickets for Graduation are now ready at Room 10-100". Apparently they catch us coming and going.

Harking back to the good old days of just a month ago when we were happily immersed in the struggle for scholastic existence and fixing a gadget for Open House Day at the same time, we call to mind a witty little anecdote which has thus far escaped the public.

As our readers should know, the President was receiving on that glorious May sixth, which we all remember, and for expediting the process, a certain Mr. Manson, of the Pittsburgh Mansons, was delegated as under-secretary. His duty was the proper ascertainment of names, in order that the guest might be properly received. He intercepted same in the Outer Room.

Toward the end of his shift, a young looking fellow with a girl, slightly dazed-looking by that time, we are told, hanging diligently to his arm, wandered in. The young man looked around in a curious manner and apparently exhibited little interest in the President.

Up stepped brother Manson, of the Pittsburgh Mansons, saying politely, "Would you care to meet the President?"

The man seemed a little abashed. Evidently the honor was too much. "Oh, no," he said, "just looking around, just looking around." Then he became a little more nervous. "Besides," he added hastily, "we know the President."

Then he turned to the girl. "You've met the President, haven't you, dear?" She seemed to concentrate her attention on the subject in hand with difficulty, and looked up suddenly at Manson. "Oh," she said, "How do you do?"

We suppose, in closing, that if all the graduation speeches were put in the same container, that it would be a big balloon. However, we find the impulse to moralize too much for our examination-weakened powers.

Our message to the graduates is a bit, we almost said pit, of philosophy which may or may not strike a harmonious chord. It is, we think, the only general principle for living which is livable, and in brief it is this.

There are two guiding precepts for a satisfactory life. The dictates of good sense and the dictates of good taste. To violate either is of no consequence. To violate both is unforgivable.

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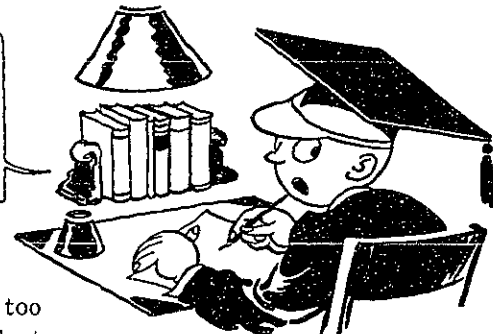
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Sometime soon, day or night, do take a stroll out Boylston Street. Join the leisurely group of interesting people in the Sidewalk Cafe. Enjoy a carefree hour, delicious food, ices, or a tall cool glass in the open air—watching the sidewalk parade!

MIDDAY TO MIDNIGHT—INTERESTING EVERY HOUR

How To Avoid BONERS

A SATIRE IS A  
MAN WHO IS 50%  
GOAT



THIS sort of thing has gone too far! When asked what product we get from whales, Bill Boner said, "Little whales."

Let's take action at once. Get him a good pipe and a tin of good tobacco. We all know a pipe smooths out the wrinkles, clears the mind for its best thinking. And we all know what smoking tobacco goes best in a good pipe. For a recent investigation showed Edgeworth to be the favorite smoke at 42 out of 54 leading colleges.

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COURSE VI PICKS  
HONOR STUDENTS

Ten sophomores have been appointed members of the honors group of the Department of Electrical Engineering for next year, it was announced today. These students, chosen on a basis of responsibility and high scholastic standing, are: George C. Dunlap, La Ferla, Tex., Edward E. Helwith, Brooklyn, N. Y., Paul G. Herkart, South Orange, N. J., Stanley B. Howard, West Somerville, Mass., James DeB. Parker, Swampscott, Mass., David D. Terwilliger, East Cleveland, O., John Thorpe, Needham Heights, Mass., Perry H. Ware, Medford, Mass., Franklin A. Yates, Balboa, Canal Zone, and Otto E. Zwanzig, Weehawken, N. J.

Under the honors group plan of the electrical engineering department, members are permitted considerable freedom from class attendance and routine assignments. Each honors student works very much on his own initiative, with the advice and guidance of members of the staff.

LOWELL SPEAKS AT  
COMMENCEMENT

(Continued from page one)

procession entered at 11 o'clock. In the long procession of black-gowned students were 445 members of the class of 1933. The advanced degrees awarded today included ten doctors of philosophy, 17 doctors of science, 146 masters of science, and seven masters of science in architecture. In all, 605 degrees were awarded. Commissions in the Officers Reserve Corps were presented to 93 students, and 12 men below the age for receiving commissions were given certificates. Among the students receiving degrees today were 12 young women.

The academic procession of the guests of honor, the corporation, the faculty and members of the class of 1883, which as the fifty year class had a place of honor, was led by Chief Marshal Alexander Macomber, who long has been a prominent figure at Technology graduations. Then came President Karl T. Compton of Technology escorting Dr. Lowell, the commencement speaker: Vice-President Vannevar Bush with the Reverend Dan H. Fenn, of the First Church in Chestnut Hill, who offered the invocation.

Professor William Emerson, Dean of the School of Architecture, escorted Mayor James M. Curley of Boston, while Dean of the Graduate School Harry M. Goodwin marched with Mayor Richard M. Russell of Cambridge.

Just before 11 o'clock Mr. Macomber made the traditional announcement opening the sixty-sixth graduation exercises. The Rev. Mr. Fenn then made the invocation, after which President Compton introduced Dr. Lowell, whose commencement address was heard by thousands of Technology and Harvard alumni in a nationwide radio broadcast.

**President Compton Speaks**

At noon President Compton made the announcement of scholastic honors and began the ceremony of presenting the diplomas to the graduates.

Commencement activities draw to a close this afternoon with a reception in Walker Memorial given by President and Mrs. Compton for the graduates and their friends. Members of the various departments of the Institute will be present, and following the reception there will be a tea dance.

The Senior Prom, final event of the graduates' program, will be held tonight at the Hotel Bradford.

HONOR STUDENTS  
GET FELLOWSHIPS

(Continued from page one)

gomery B. Ferar, '33, Detroit, Mich., traveling Fellow in Architecture, recipient of the Traveling Fellowship in Architecture; James B. Fisk, Providence, R. I., traveling Fellow in physics, recipient of the Redfield Proctor Traveling Fellowship; Emanuel B. Hershberg, '29, Lynn, traveling Fellow in chemistry, recipient of the Moore Traveling Fellowship; Charles H. Norris, Portland, Ore., Fellow in civil engineering, recipient of the William Sumner Bolles Fellowship; and Harvey G. Schwarz, Seattle, Wash., Fellow in metallurgy.

**Recipients of Fellowships**

In recognition of high scholastic attainment the following Fellowships have been awarded to students pursuing graduate work leading to the doctor's or the master's degree: The Sloan Automotive Engineering Fellowship, John P. Elting, '32, Macomb, Ill., department of physics; The Susan H. Swett Fellowship, Jacob Millman, Lawrence, department of physics; the Frank Hall Thorp Fellowship, Robert Dillon, '33, New York City, department of chemical engineering; the

SPECIAL INSTITUTE  
EXHIBIT AT CHICAGO

(Continued from page one)

sible the mechanical solution of problems in integral calculus.

Another device known as the Boltzman distribution apparatus will illustrate molecular motion, and there is other apparatus showing the effects of discharging high frequency currents in vacuum tubes filled with mercury vapor. These discharges produce unusually beautiful color effects which are studied by scientists in the investigation of the spectra of various elements.


Motion pictures showing the various research activities carried on at the Institute, including the spectacular work at Round Hill, and familiar sights which are now revealed in new forms by high speed photography, will be shown at the exhibition. These include the various shapes of drops of liquid, the striking of a golf ball showing distortion at the moment of impact, and the smashing of glass, which instead of flying, appears to slowly float away.

Louis Francisco Verges Fellowship, Prentiss Lobdell, '33, Melrose, department of chemical engineering.

IT'S FUN TO BE FOOLED

TODAY'S MAGIC FEATURE  
COFFEE Hot and Delicious OUT OF THIN AIR

LAST NIGHT I SAW A MAGICIAN SERVE 100 CUPS OF COFFEE TO THE AUDIENCE OUT OF A HUGE COFFEE POT THAT HE PRODUCED FROM NOWHERE.




Here's what she saw



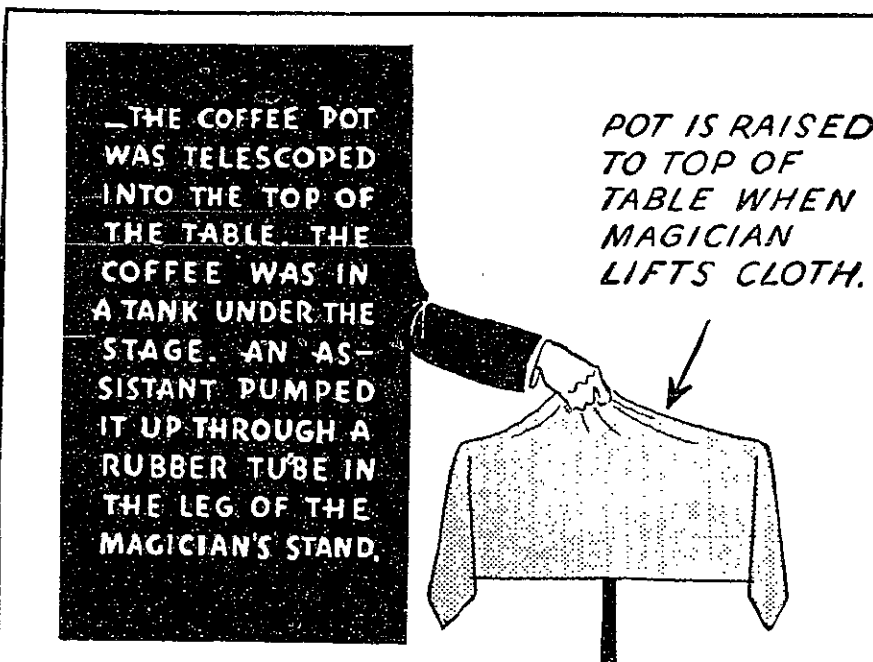
HERE'S THE 99th CUP AND STILL SOME LEFT. ANYONE ELSE?

I HAD A CUP OF THE COFFEE MYSELF, SO I KNOW IT WASN'T A TRICK.

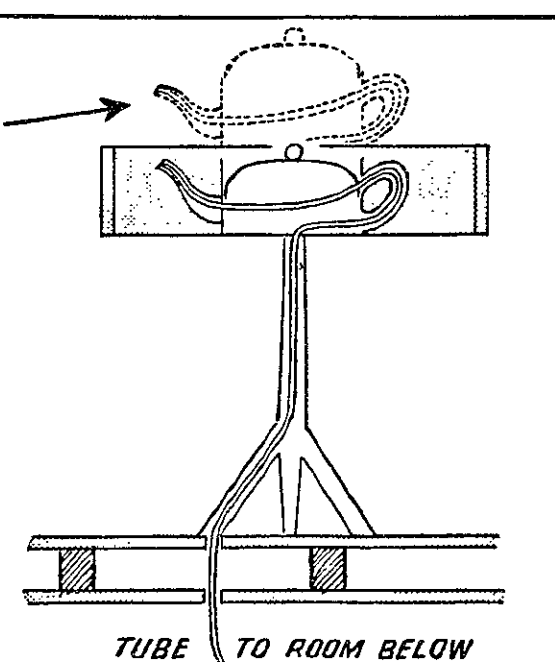
YOU HAVE BEEN FOOLED AGAIN, ELLIE



THE COFFEE POT WAS TELESCOPED INTO THE TOP OF THE TABLE. THE COFFEE WAS IN A TANK UNDER THE STAGE. AN ASSISTANT PUMPED IT UP THROUGH A RUBBER TUBE IN THE LEG OF THE MAGICIAN'S STAND.




POT IS RAISED TO TOP OF TABLE WHEN MAGICIAN LIFTS CLOTH.



TUBE TO ROOM BELOW


SO THAT'S THE TRICK I HAVE A CIGARETTE?

I'M SORRY, BUT I DON'T ENJOY THAT BRAND. THEY TASTE SO FLAT!




DO THEY REALLY TASTE FLAT? I THOUGHT THEY WERE SUPPOSED TO BE MILD.

MILD? TRY A CAMEL AND YOU'LL GET MILDNESS AND BETTER TASTE, TOO.

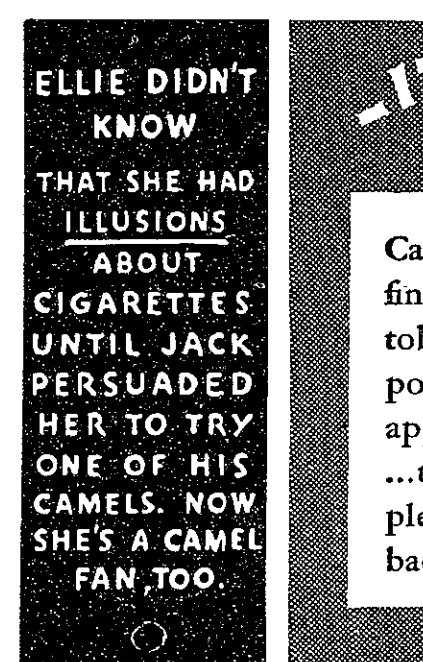


OH, JACK - THIS IS WONDERFUL! WHAT IS IT THOSE ADS SAY: "IT'S MORE FUN TO KNOW"?

YES, IT'S THE TOBACCO THAT COUNTS, ELLIE.




ELLIE DIDN'T KNOW THAT SHE HAD ILLUSIONS ABOUT CIGARETTES UNTIL JACK PERSUADED HER TO TRY ONE OF HIS CAMELS. NOW SHE'S A CAMEL FAN, TOO.



IT'S MORE FUN TO KNOW

Camels are made from finer, MORE EXPENSIVE tobaccos than any other popular brand. You'll appreciate the mildness...the flavor...the added pleasure of costlier tobaccos.



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THREE REELECTED IN FACULTY ELECTIONS

At the recent election of officers of the Faculty Club the following officers were re-elected: Professor Murray P. Horwood, president; Professor Frederick K. Morris, vice-president; and Professor Leicester F. Hamilton, treasurer. Professor Karl L. Wildes was elected secretary, succeeding Professor Arthur C. Hardy. Chosen as members of the executive committee were Professors George R. Harrison, Walter M. Fife, and Ralph E. Freeman.

Immediately preceding the elections Dr. James R. Myles, formerly of the University of St. Andrews in Scotland and for the past two years a Commonwealth Fellow specializing in organic chemistry at the Institute, spoke on the impressions of "A Commonwealth Fellow in America."

DR. ROWE ADDRESSES SENIORS AT CLASS DAY

(Continued from page one) tributed a few more gifts, Bell was "as usual, left holding the bag."

In his address, Dr. Rowe gave the class some advice which he had garnered through thirty-five years of association with the alumni. He said a very small percentage of Technology graduates have pressing economic needs. He welcomed the class into the Alumni Association and stated that this was the first class to enter the association since the new ruling which admits all former students at the Institute.

MILLARD WINS STRATTON AWARD; KENNGOTT 2ND

(Continued from page one)

six were chosen to present papers in the finals which form a feature of senior week. In his discussion of the photo-electric cell, Maxwell Millard explained the theory by which light controls an electric current, and discussed the application of the cell to sound films, to selection as used in the Fleischman's Yeast Company, and to various stunts such as the recent opening of the World's Fair by the light from Arcturus. Robert Kenn-gott's paper about the wireless transmission of power discussed the Tessler coil and the experiments of Tessler at Colorado Springs. These experiments showed that the earth behaved as a conductor of limited dimensions and that an electrical disturbance set up a pattern of standing waves over its surface. Striking lecture demonstrations were shown. The paper on air-plane wings by Raymond Holland discussed the slotted and multi-slot wing and showed the perfection of birds' wings.

The other papers presented at the finals were "Rocket Propulsion" by Norman S. Pressler, '33, Course II and a member of the student branch, American Society of Mechanical Engineers; "Refrigeration in its Relation to Public Health" by Samuel Goldstein, '33, Course VII and a member of the Sedgwick Biological Society; and "Welding in the Shipyard" by Morris Guralnick, '33, Course XIII and a member of the M. I. T. Naval Architectural Society.

AWARD BOIT PRIZES TO FIVE SOPHOMORES

By the will of the late Robert A. Boit, the sum of \$5,000 was left to the Institute, the interest of which is to be used in annual prizes "to stimulate the interest in the best use of the English language." These prizes are awarded to members of the Sophomore Class in English and History on the basis of the required written work done by them.

The winners of the second term prizes are as follows: Percy Ehrlich "On Beauty" Leo F. Epstein

"The Making of My Modern Mind" Shea A. LaBonté Autobiographical Wesley H. Loomis

"Concerning the Greek and Roman Stage" William F. Milliken, Jr.

"The Literature of Flight"

The judges were Professor Henry G. Pearson, Professor Henry L. Seaver, Professor William A. Crosby, and Mr. Frederick G. Fassett, Jr.

HEDLUND REVIEWS 3 ERAS OF TRACK

(Continued from page one)

New Timing Device Helps

Progress during this period has made records quickly and accurately accepted. Take the refinement in watch making. That is apparent by a glance through the I. C. 4-A. records. Watches that recorded half seconds and quarter seconds were in use in the early years. Then came the

time pieces which recorded seconds in fractions of fifths. Finally in 1922 came the tenth of second watches and I will agree with the sprinters who feel that this watch is unfair to old dash marks. The tenth second watches are now used regularly at all track meets. At the last Olympic games a new device was used, making it possible to do the timing electrically and successfully used at the recent I. C. 4-A. meet in the stadium. This machine gives pictures of the finish as well as the correct timing of all races.

The history of M. I. T. A. A. records lends itself admirably to a comparison of times and distances by eras of fifteen years each. If track had been going on for forty-eight years I could figure on the basis of three eras of sixteen years which would represent four complete college generations. The following tables furnish food for thought and for comparisons. Who would estimate what the average for the next fifteen years will produce in way of averages? I would not care to prognosticate on such a development. The averages thus obtained speak for themselves, as follows:

	1880-1903	1904-1918	1919-1933
100 yards	M.S. 10.11	M.S. 10.02	M.S. 10.018
220 yards	23.40	22.20	21.97
440 yards	52.40	50.99	50.22
880 yards	2.05.33	2.00.80	1.55.73
One mile	4.47.66	4.28.80	4.24.80
Two mile	10.55.75	9.54.15	9.34.11
120 H. H.	17.20	16.40	15.38
220 L. H.	26.75	25.80	24.74
Shot put	37.10 1-5	40.73 3-5	42.56 13-15
Broad jump	20.64 1-3	22.02 1-5	22.66 1-3
Javelin			174.65
Pole vault	10.44 1-3	11.37	12.50 1-3
Discus	85.27 2-3	116.22	126.85 1-3
High jump	5.85	6.50	6.53 1-3
Hammer	107.10 1-3	128.25 1-5	157.24
* 2 miles added in 1895—average 9 years.			
* Javelin event added in 1922 average 12 yrs.			

CHEMICAL SOCIETY ELECTS OFFICERS

At a recent meeting of the M. I. T. Chemical Society officers for the coming year were announced. They are: president, Franklin V. Cross, '34, Fort Plain, New York; vice-president, John M. Flaitz, '34, Shreveport, Louisiana; treasurer, Leonard Shapiro, '34, Youngstown, Ohio; secretary, William M. Abramowitz, '35, Lakewood, New Jersey.

ASHDOWN APPOINTED NEW HOUSE MASTER

(Continued from page one)

intercourse between men of differing interests but of equivalent intellectual outlook."

Houses Being Refurnished

Three dormitories, Crafts, Nichols, and Holman, which are situated behind the president's house, are now being refurnished as graduate houses. Crafts will include a well stocked library with attractive lighting and new furniture, besides a large lounge which is also being redecorated. All dormitories will have complete porter service as well as inter-connecting telephone service.

COLLEGE STUDENTS

3 undergraduates for attractive summer jobs. Good salary, opportunity to make plenty of money. See Mr. Kenney, 31 Milk St., Room 414.

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